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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/768,567 | 01/29/2004 | Robert L. Beasley | 7452-US1 | 6348 |

7590

06/17/2005

TEKTRONIX, INC.

Francis I. Gray

M/S 50-LAW

P.O. Box 500

Beaverton, OR 97077-0001

EXAMINER

WANG, JIN CHENG

ART UNIT

PAPER NUMBER

2672

DATE MAILED: 06/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|---------------------------------------|--|
| Office Action Summary | Application No. 10/768,567 | Applicant(s) BEASLEY ET AL. | |
| | Examiner Jin-Cheng Wang | Art Unit 2672 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Alexander U.S.

Patent No. 6,201,384 (hereinafter Alexander).

Claim 1:

Alexander teaches a method of indicating and manipulating a zoom region within a long data record comprising:

Displaying the long data record as a displayed waveform (*Figs. 3A and column 7-8*);

In response to zoom data which defines a location and scale for the zoom region (*e.g., defining the starting point and ending point by the pointing device and defining vertical and horizontal scaling; Figs. 2-3(B) and column 9, lines 53-67 and column 10, lines 1-67*), displaying a zoom region indicator (*zoom region marker as described in column 7, lines 30-67*) representing the zoom region with the displayed waveform (*the rescaling rectangle is a zoom region with the displayed waveform shown in Fig. 3(A)*), the zoom region indicator (*the zoom region marker*) having an associated marker which spans the zoom region and has at least a minimum length (*e.g., the marker defining the starting point and ending point by the pointing device and defining vertical and horizontal scaling; Figs. 2-3(B) and column 9, lines 53-67 and column 10, lines 1-67*);

Displaying a portion of the displayed waveform defined by the zoom region as a zoomed waveform (*e.g., displaying the rescaled rectangle of the displayed waveform defined by the zoom region as a zoomed waveform shown in Fig. 3(B) as the entire waveform display region and column 11, lines 56-67*); and

Manipulating the zoom region by moving the associated marker with a pointer device to display other portions of the displayed waveform as the zoomed waveform (*e.g., the graphical user interface through the selection of menu items, key strokes, voice activation, and through the use of any type of input device such as the point device 110 allows manipulating the zoom region by toggling between the original and new scaling and undoing or redoing the scaling dictated by the rescaling rectangle 310 and return the waveforms and display element to their original scaling; column 12, lines 23-67; the user may deselect waveform scaling through the selection of an arbitrary point outside of the rescaling rectangle 310; see column 10, lines 36-59; and the user further selects the zoom region using the cursor; column 12, lines 1-67 and this process of selecting and deselecting continues*).

Claim 2:

Alexander further discloses displaying the zoomed waveform in a different color from one used to display the displayed waveform (*e.g., the priority encoder sends the selected color to the VRAM 146 which then causes the pixel to be rendered in the indicated color and a rectangular pixel area is typically defined within DRAM 148 with the programmed color typically dark gray; see column 7, lines 30-67 and column 8, lines 1-16; column 9, lines 63-67 and column 10, lines 1-7*) with the zoom region indicator being displayed in the different color (*e.g., the color the marker is rendered at the pixel location providing a display that appears to*

show the marker over the waveform; column 7, lines 30-67 and column 8, lines 1-16; column 9, lines 63-67 and column 10, lines 1-7).


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jin-Cheng Wang whose telephone number is (571) 272-7665. The examiner can normally be reached on 8:00 - 6:30 (Mon-Thu).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (571) 272-7664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jcw



MICHAEL RAZAVI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800